AMENDMENTS TO THE DRAWING:

Replacement Drawing Sheets 1-44 (Sheets 38-44 being New Sheets) are attached hereto to replace the drawing sheets of the PCT International application (numbered 1-37). Generally, the drawings have been formalized to conform with the requirements of 37 C.F.R. 1.84. Further, throughout the revised drawings, certain reference numbers have been modified to include the first alphabet of the part name – followed by figure number – and then followed by part number, in order to conform with the description of the figures in the specification. Applicant respectfully submits that no new matter is added by these amendments.

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005 Customer No.: 24280

Express Mail No.: EQ148910683US

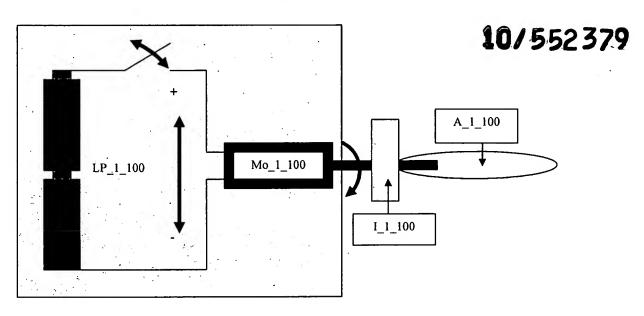


FIG. 1

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005 Express Mail No.: EQ148910683US Customer No.: 24280

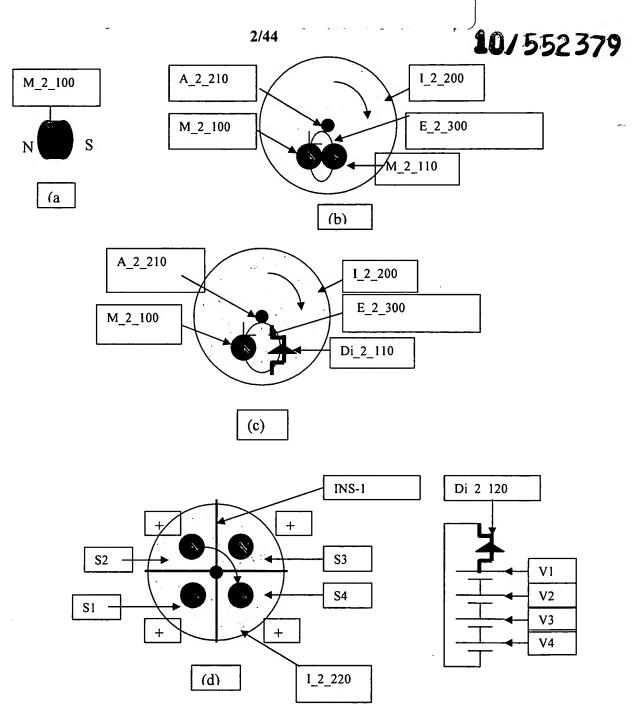


FIG. 2

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005 Customer No.: 24280

Express Mail No.: EQ148910683US

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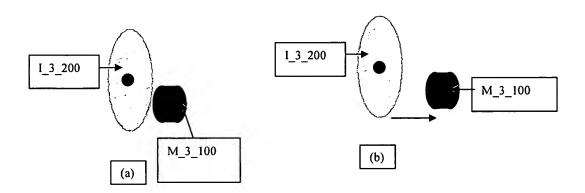


FIG. 3

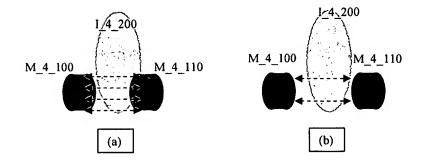


FIG. 4

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES

Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005 Express Mail No.: EQ148910683US Customer No.: 24280

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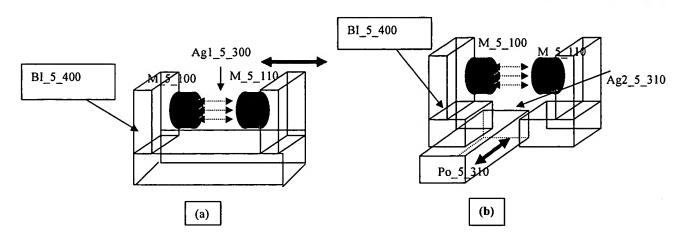


FIG. 5

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005

Express Mail No.: EQ148910683US Customer No.: 24280

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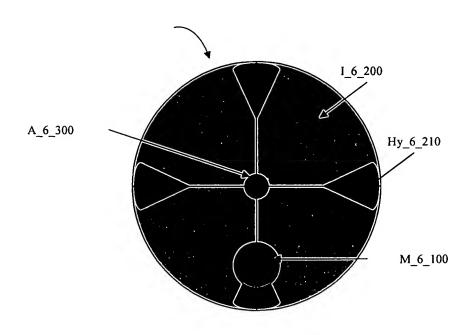


FIG.6

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005 Express Mail No.: EQ148910683US Customer No.: 24280

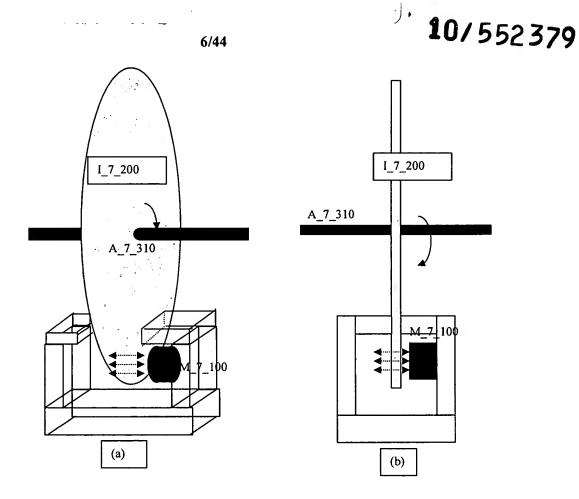


FIG. 7

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES

Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005 Express Mail No.: EQ148910683US Customer No.: 24280

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•••

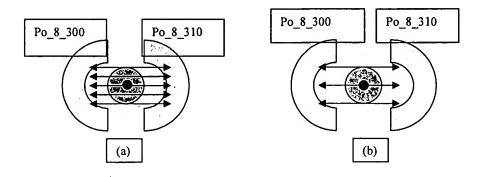


FIG. 8

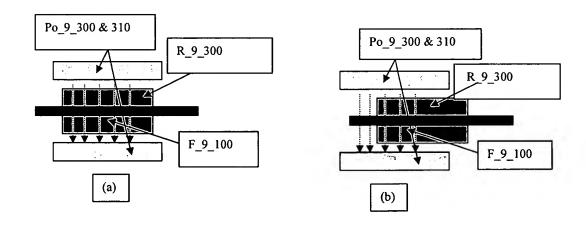


FIG. 9

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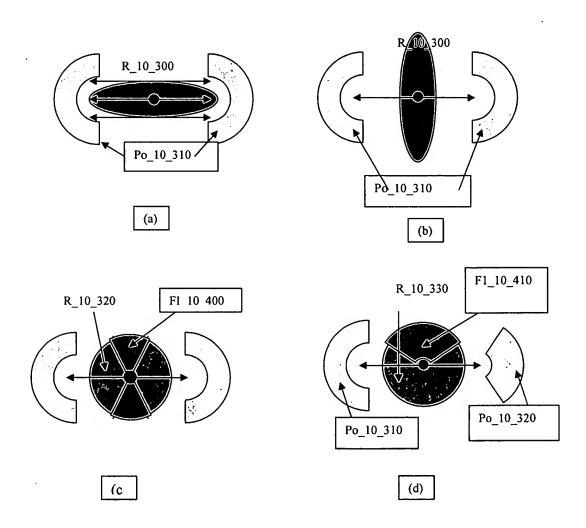


FIG. 10

Express Mail No.: EQ148910683US Customer No.: 24280

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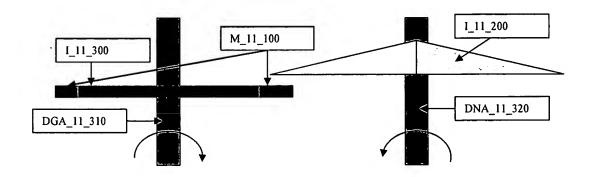


FIG. 11

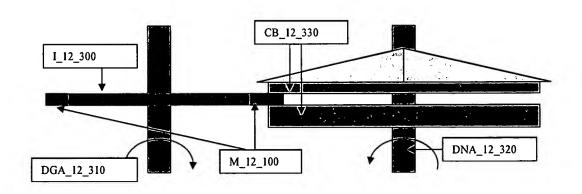
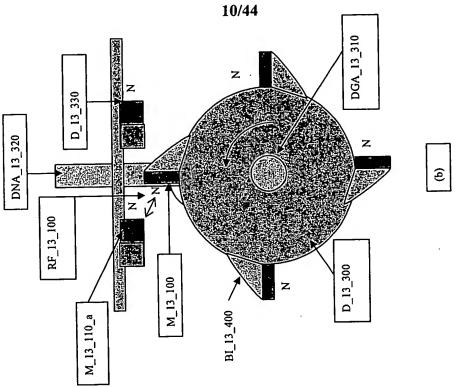
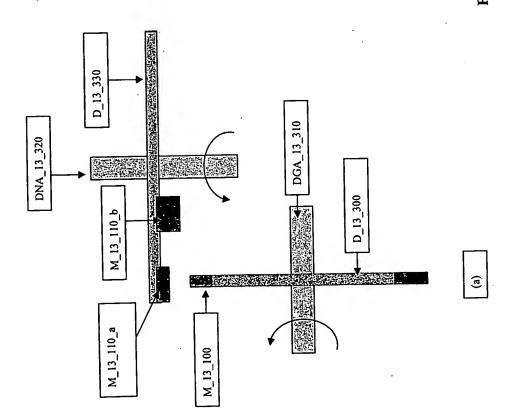


FIG. 12

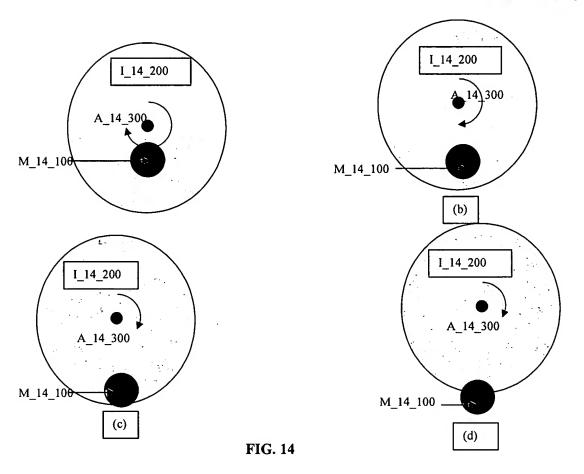
Express Mail No.: EQ148910683US Customer No.: 24280





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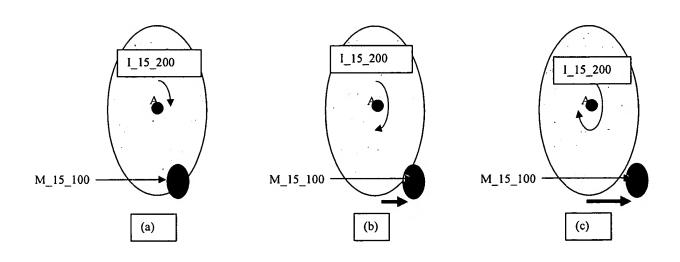


FIG. 15

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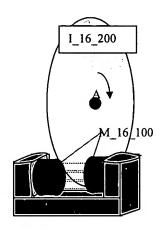
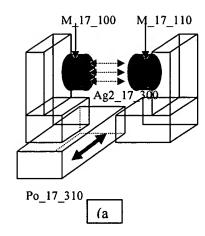


FIG. 16



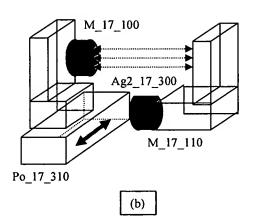


FIG. 17

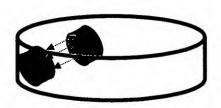


FIG. 18

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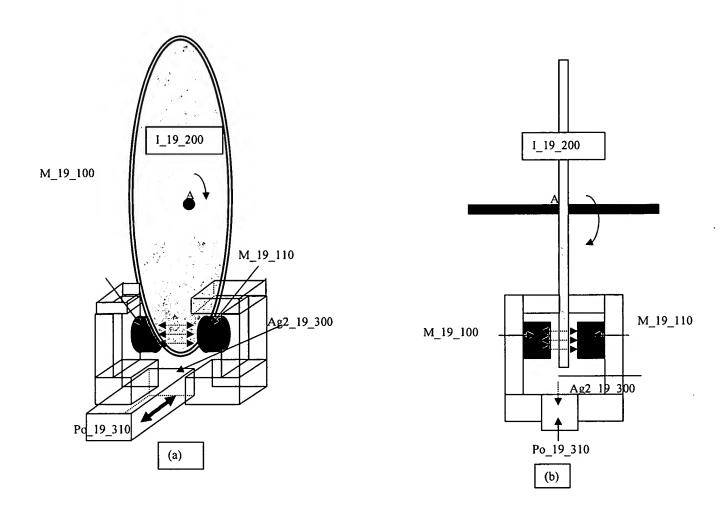


FIG. 19

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005

Express Mail No.: EQ148910683US Customer No.: 24280

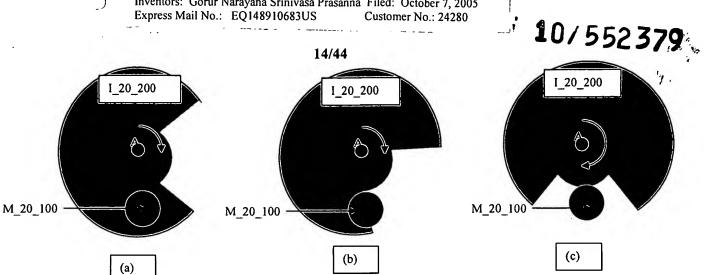


FIG. 20

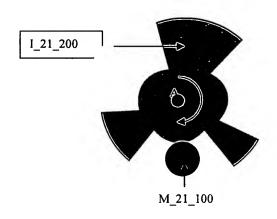


FIG. 21

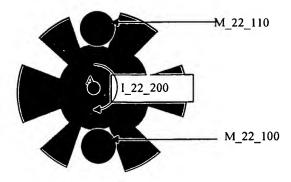


FIG. 22

Express Mail No.: EQ148910683US

Customer No.: 24280

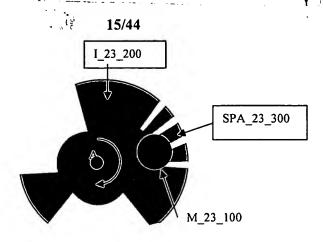


FIG. 23

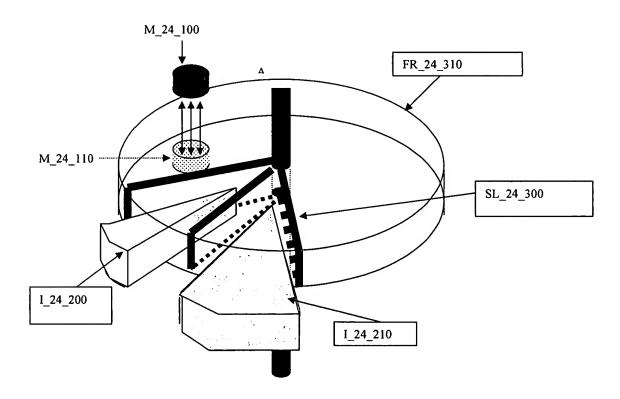


FIG. 24

FIG. 25

Joints

RL_25_300

I_25_200

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005

Express Mail No.: EQ148910683US Customer No.: 24280

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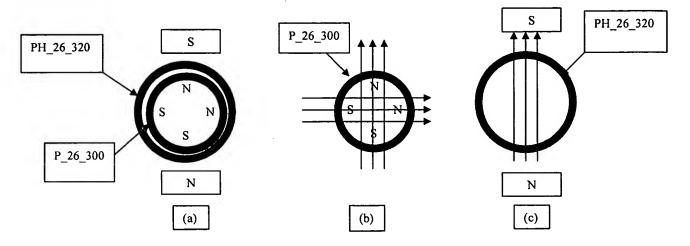


FIG. 26

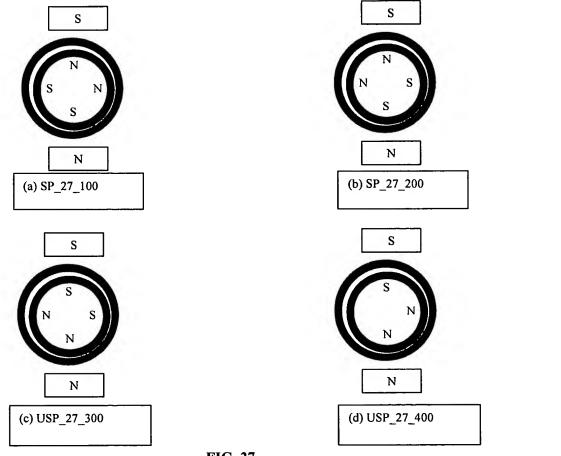


FIG. 27

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005 Express Mail No.: EQ148910683US Customer No.: 24280

10/552379

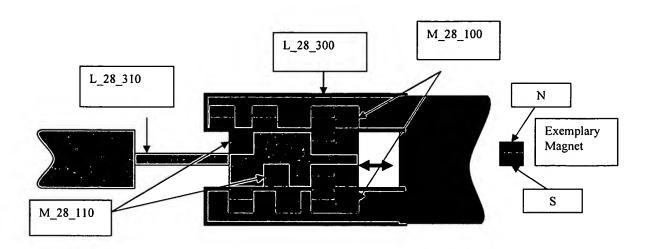


FIG. 28

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005 Express Mail No.: EQ148910683US Customer No.: 24280

10/552379

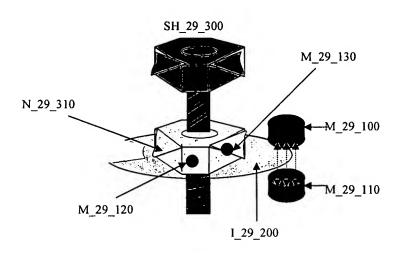
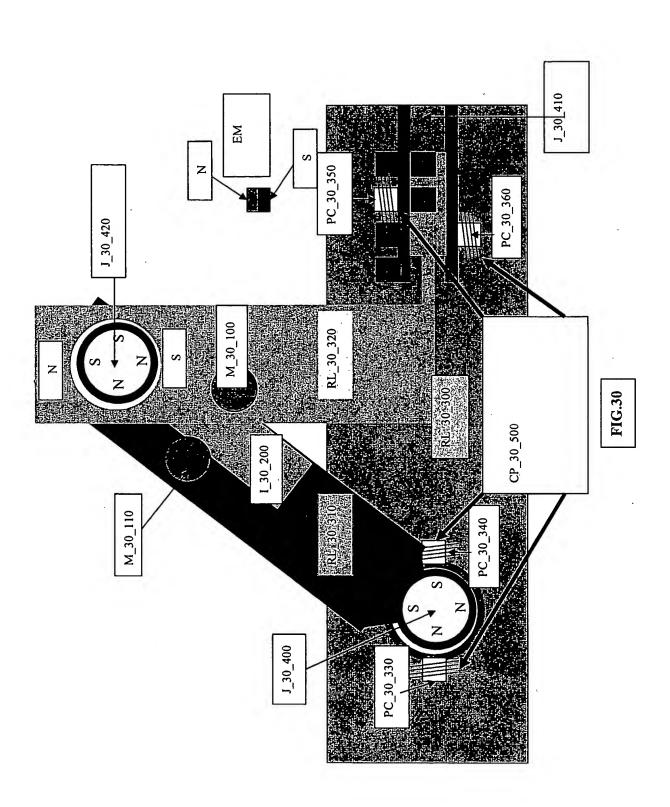


FIG. 29

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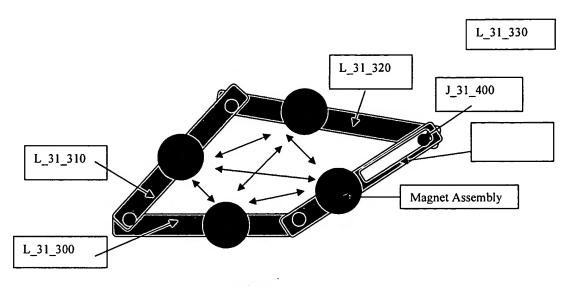
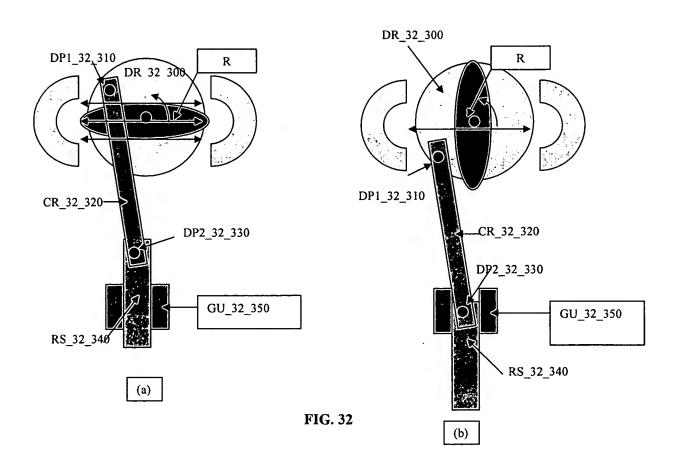


FIG. 31



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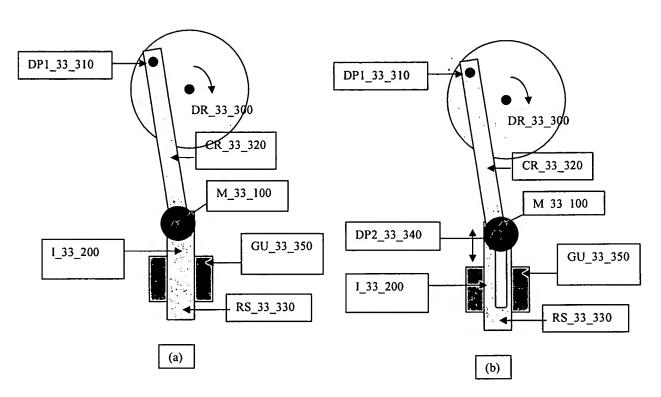


FIG. 33

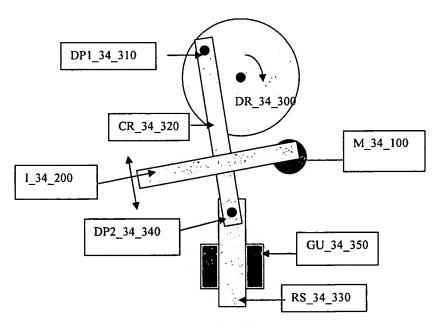
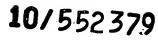


FIG. 34

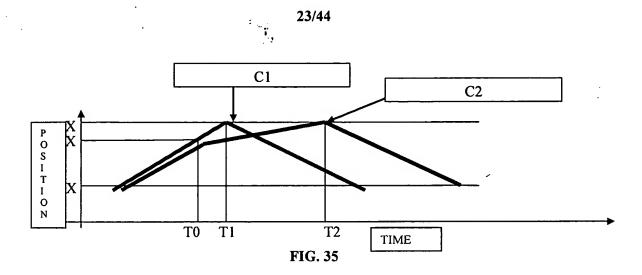
TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005

Express Mail No.: EQ148910683US Customer No.: 24280









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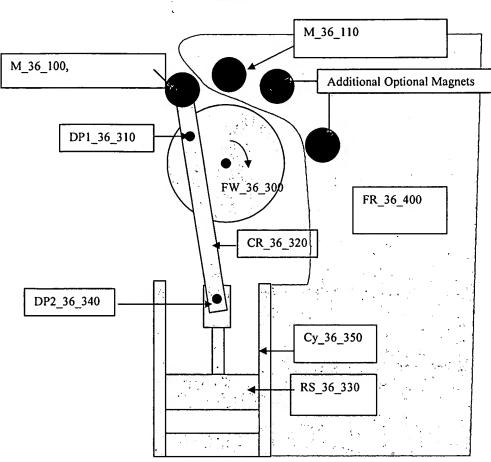


FIG.36 (a)

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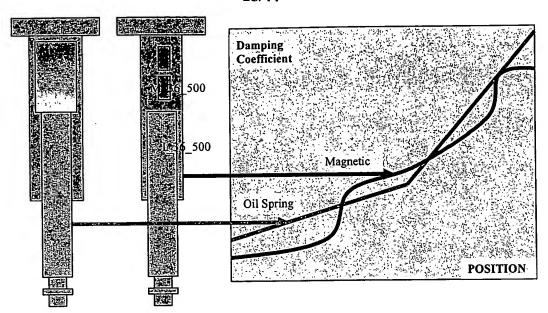


FIG. 36 (b)

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005

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Express Mail No.: EQ148910683US

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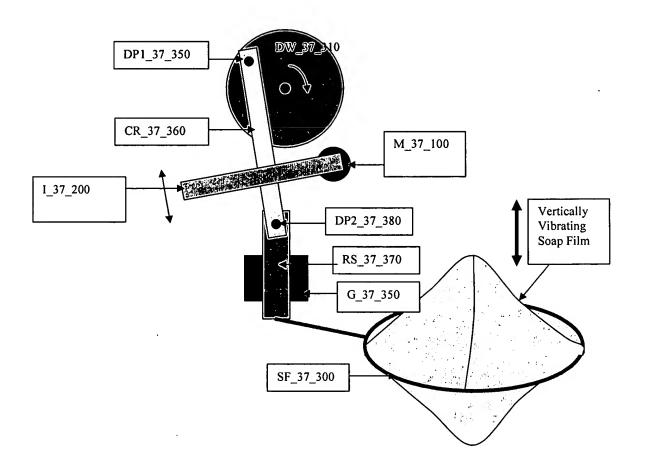
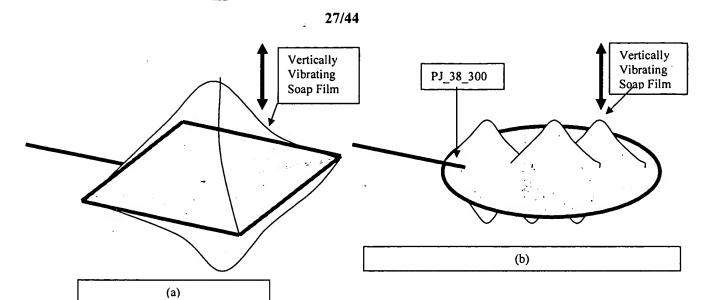


FIG.37

Express Mail No.: EQ148910683US Customer No.: 24280



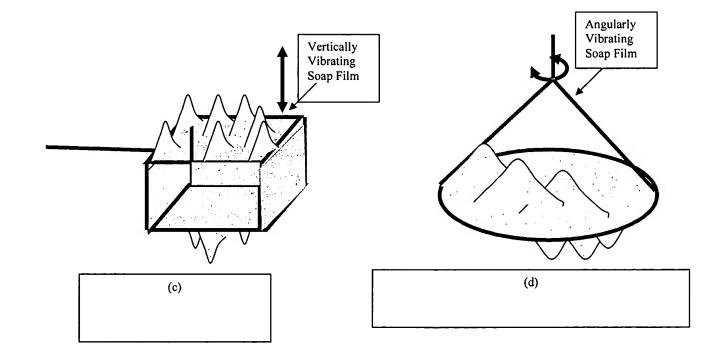
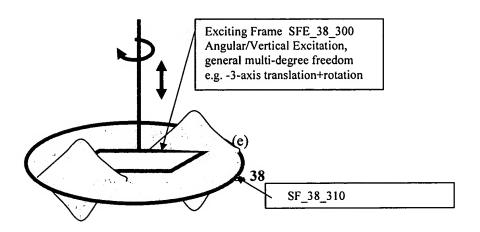


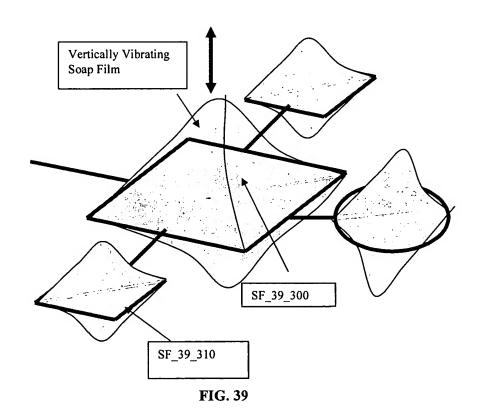
FIG. 38

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES .

Gorur Naravana Srinivasa Prasanna Filed: October 7, 2005 Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005
Express Mail No.: EQ148910683US Customer No.: 24280

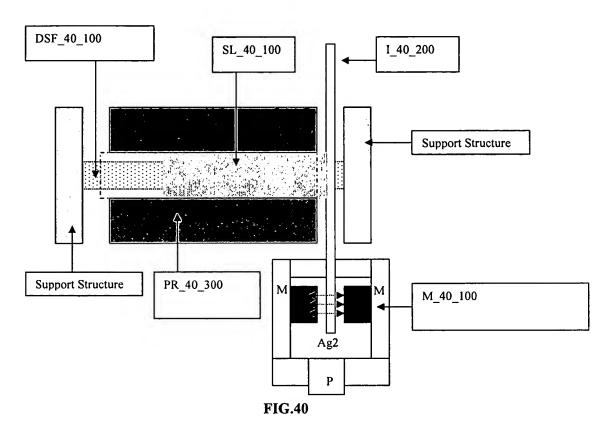
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TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES

Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005 Express Mail No.: EQ148910683US Customer No.: 24280 10/552379



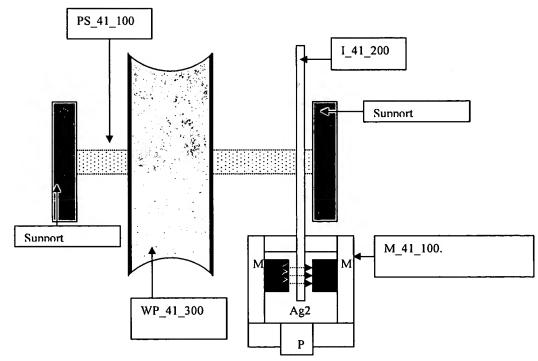


FIG.41

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES

Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005

Express Mail No.: EQ148910683US Customer No.: 24280

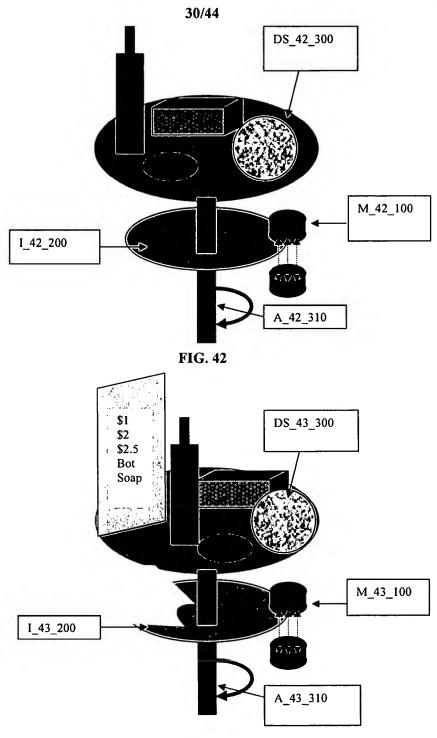
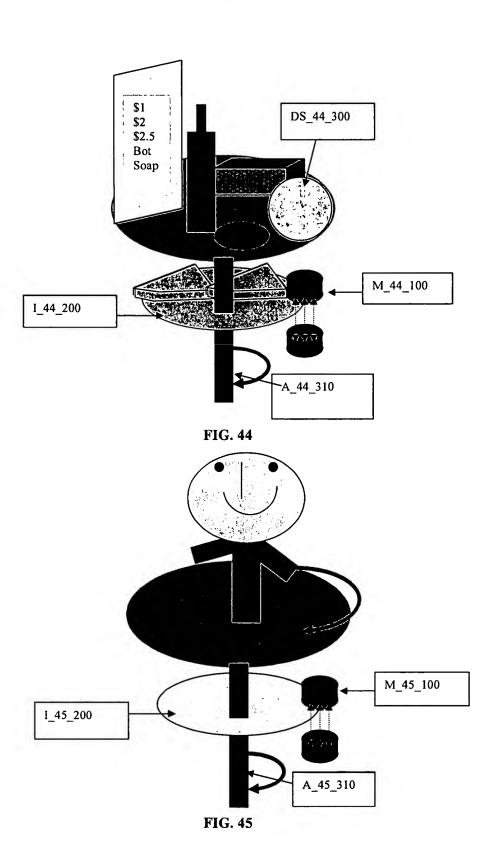


FIG. 43

Customer No.: 24280

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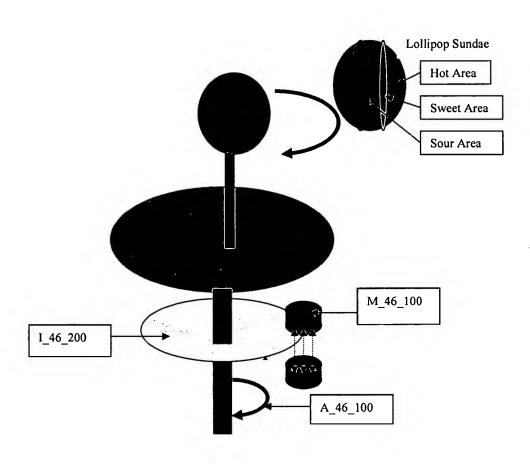


FIG.46

\$, .

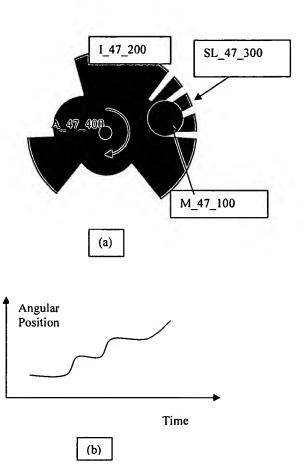
TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES

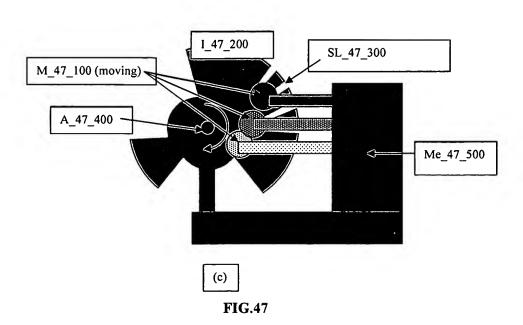
Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005

Express Mail No.: EQ148910683US

Customer No.: 24280

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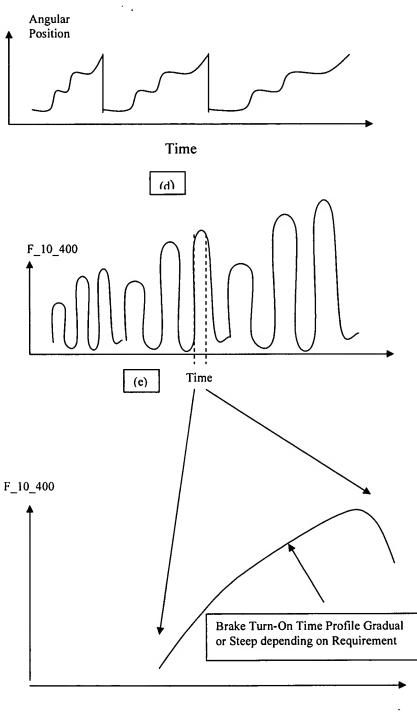


Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005

Express Mail No.: EQ148910683US Customer No.: 24280

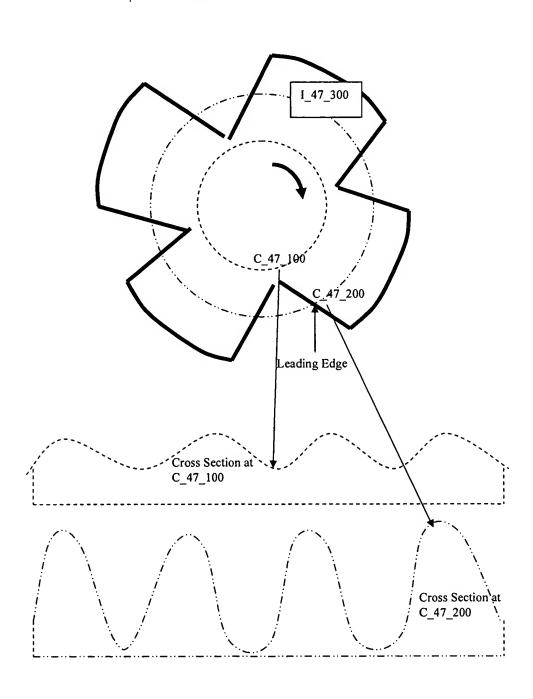
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Expanded Time Scale

(f)



(g) FIG. 47

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES

Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005 Express Mail No.: EQ148910683US Customer No.: 24280

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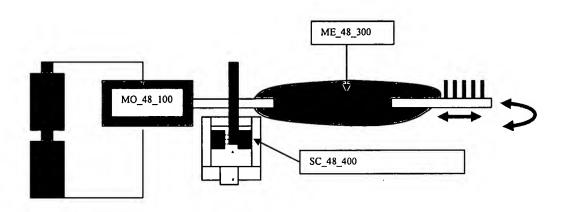


FIG. 48

Express Mail No.: EQ148910683US Customer No.: 24280



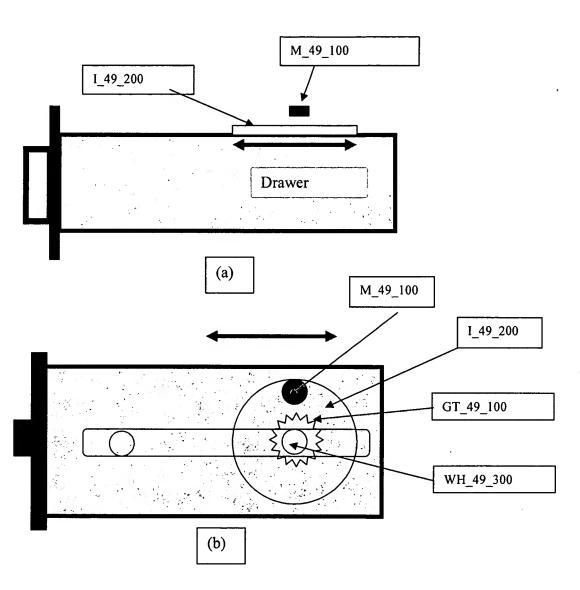


FIG. 49

NEW SHEET

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES
Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005
Express Mail No.: EQ148910683US Customer No.: 24280

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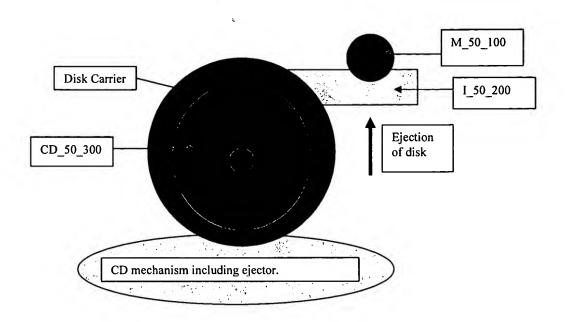


FIG. 50

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES

Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005 Express Mail No.: EQ148910683US Customer No.: 24280 10/552379

M_51_100

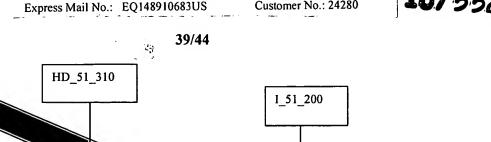


FIG. 51

Hg_51_300

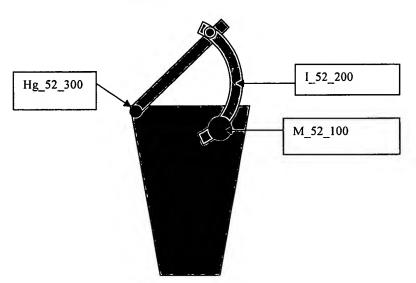


FIG. 52

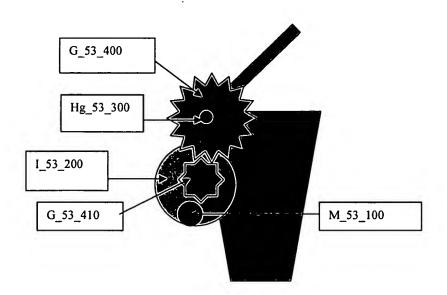


FIG. 53

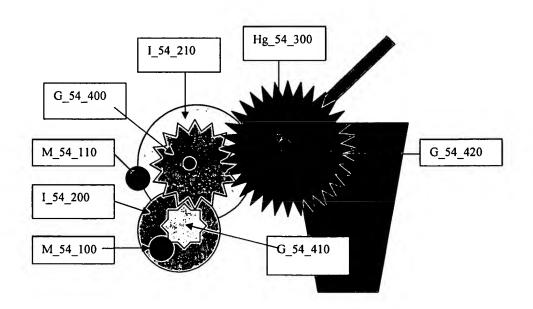


FIG. 54

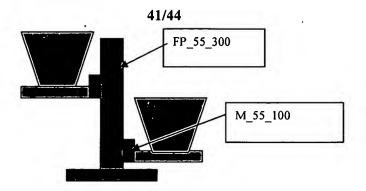


FIG. 55

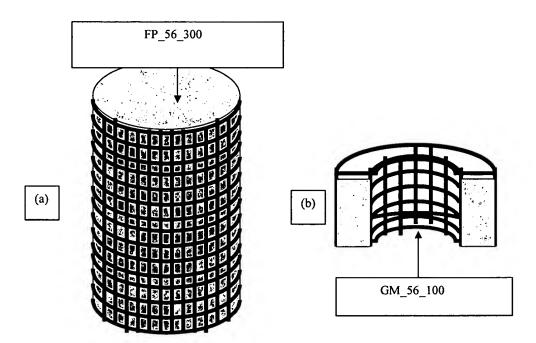


FIG. 56

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES

Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005 Express Mail No.: EQ148910683US Customer No.: 24280

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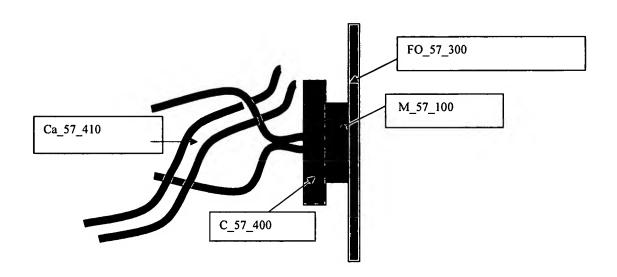


FIG. 57

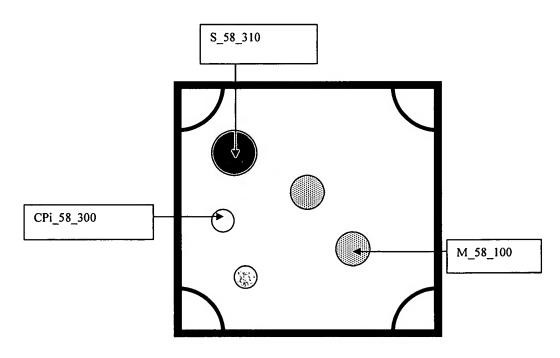


FIG. 58

10/552379

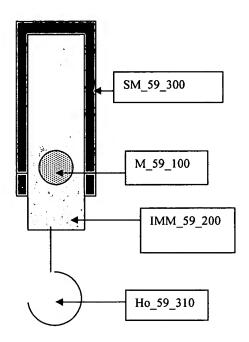


FIG. 59

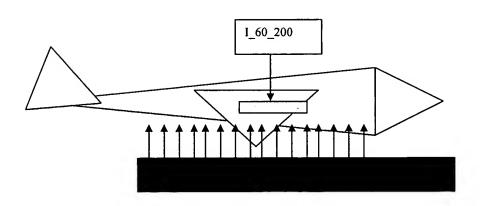


FIG. 60

TITLE: MOTION CONTROL USING ELECTROMAGNETIC FORCES

Inventors: Gorur Narayana Srinivasa Prasanna Filed: October 7, 2005 Express Mail No.: EQ148910683US Customer No.: 24280

10/552379

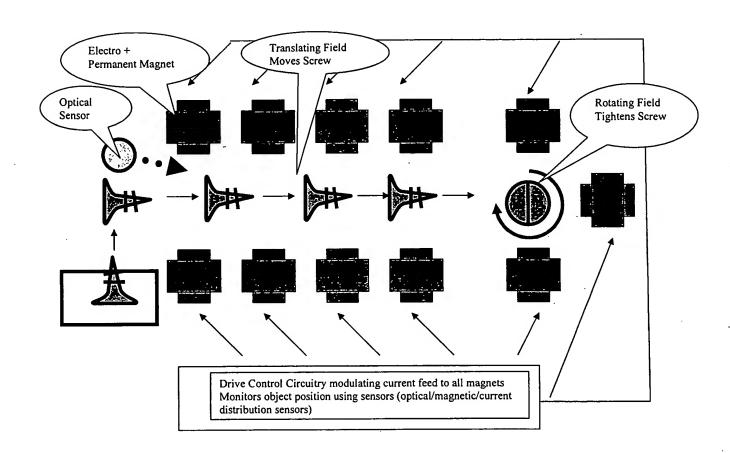


FIG. 61

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